

**Amendments to the claims:**

This listing of claims will replace all prior versions, and listings of claims in the application.

**Listing of Claims:**

**Claim 1. (Previously Presented)** An amorphous shape memory polymeric network comprising a crosslinked ABA triblock dimethacrylate macromonomer, wherein the macromonomer comprises blocks derived from polyesters and polyethers, and wherein A blocks of the ABA triblock have a molecular weight of 1500 g/mol to 3200 g/mol.

**Claim 2. (Previously Presented)** The amorphous network according to claim 1, wherein the polyester is a poly (rac-lactide).

**Claim 3. (Previously Presented)** The amorphous network according to claim 1, wherein the polyester is the A block.

**Claim 4. (Currently Amended)** The amorphous network according to claim 1, wherein the polyether polyester is a polypropylene oxide.

**Claim 5. (Currently Amended)** The amorphous network according to claim 1, wherein the polyether polyester is the B block.

**Claim 6. (Currently Amended)** A method for preparing the an amorphous polymeric network of claim 1, comprising irradiating a melt comprising an ABA triblock dimethacrylate macromonomer ~~as defined in claim 1~~ with UV light in order to induce crosslinking of the macromonomer.

**Claims 7-10. (Canceled).**

**Claim 11. (Previously Presented)** An amorphous shape memory polymeric network comprising a crosslinked ABA triblock dimethacrylate macromonomer, wherein the macromonomer comprises blocks derived from polyesters and polyethers, and wherein the amorphous network has a recovery value of above approximately 90%.

**Claim 12. (Previously Presented)** An amorphous shape memory polymeric network comprising a crosslinked ABA triblock dimethacrylate macromonomer, wherein the

macromonomer comprises blocks derived from polyesters and polyethers, and wherein the amorphous network is completely amorphous.